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BEAUTIFUL NATIVE PLANTS

FROM THE
HIGH PLAINS, BADLANDS
AND BLACK HILLS

1952

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Velvety Prairie Clover, *Petalostemon villosus*. While stems of other prairie clovers are arching or straight and the thimbles of flowers borne in line with the stem, *villosus* arches so as to hold the inflorescence toward the horizontal and the tight finger-like raceme adds graceful curves of its own. Blossoming proceeds from base to tip of the fingers over a period of several weeks in July and August or into September. Silvered green, silvered lavender-rose, all very lovely. Usually under twelve inches of height.

Where the dune sands are rather coarse and loose this plant may be expected on the plains. Like other perennials of the sands its roots go deep. But a deep root, if you please, does not make a plant difficult to bring into the garden, rather it indicates need of a good depth of drainage and aeration. *Villosus* does well in many gardens.

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Claude A. Barr

PRAIRIE GEM RANCH

SMITHWICK, S. D.

HABITAT AND GARDEN SUCCESS

To grow the Great Plains plants it is important to recognize native factors of adaptation and environment. Character and faculty have been molded in these plants by untold ages of living where periods of moisture shortage are long and of moisture excess mostly brief.

Moisture retention devices in the plant structure have been developed to an outstanding degree to withstand shortage; to escape excesses the wise plants select high places and slopes, rocky, gravelly and porous soils from which excess water readily drains away or down, thus quickly retsoring aeration. In general moistness is sought, wetness avoided.

A recommended scree for replacing soils that are close textured and impervious, or too rich and moisture retentive, or to counteract inescapable shade from remote trees or other objects, is mixed from equal parts of ordinary soil, coarse sand, and fine gravel or rock chips, including some lime. This provides an excellent base for all Great Plains plants. The needs of certain subjects for portions of richer soil may be met by adding leaf-mold or other humus, locally, in planting or in top-dressing.

SERVICE: High quality plants only are sent on your order. We do not substitute without permission. Our packing will please. In addition to culture suggested in this catalog special advice is offered when it may prove useful, or on request. Every effort will be made to get shipments out when desired, and mention of your preferred date will be appreciated.

PRICES include prepaid delivery.

Usually 3 or 12 plants can be furnished when one or "each" is priced.

A SEED LIST is issued in autumn.

HEBACEOUS PERENNIALS

Achillaea lanulosa A pleasant little non ramping Yarrow with heads of unusual whiteness, at 6 to 9". Travels an inch or two a year. Clump 35c.

Actinea fastigiata Mild mannered and lovely canary yellow daisy, producing over a long season. 5". Narrow leaves green. 50c each.

Actinea simplex Wide daisies of brilliant gold, 4 to 8" above silvered rosette of narrow leaves. June. Ideal rock plant. 35c; 3 for 85c.

Agastache anethiodora Anise Hyssop. Delightful fragrant tall herb, spikes of soft blue-lavender continuously, June on. Rich soil, shade. 50c.

Anemone caroliniana Brave and dainty and jewel-like, inch-and-half wide, blue or white, of 8 to 20 cupped segments, May. 3, 50c; doz. \$1.50.

Anemone patens nutt. American Pasque. Large six-pointed stars of satiny lavender, March, April. South Dakota's state flower. 50c; 3, \$1.20

Antennaria Pussy-toes, Ladies' Tobacco. Valuable evergreen rock garden ground covers, slow spreading, very low, each with its own texture.

A. aprica Broad little leaves of silvery olive in inch-high mats, pussy-toe blossoms at 4". Gray-white, clump, 30c; charming soft pink, 40c.

A. campestris Broader leaves, velvety deep green, underside white. Toes white or silvery. 35c.

A. microphylla Tiny bluish silver leaves, lovely pattern and texture. Toes white furry. 40c.

- A. obovata** Like a larger aprica; gray toes. 35c.
- A. Oxyphylla** Still broader obovate leaves of silver in handsome pattern, for shade. New. 50c.
- A. rosea** Narrower leaved than aprica, with toes of rich deep rose. Strikingly lovely. 50c; 3, \$1.20.
- Arenaria hookeri** Beves of white flowers in June, needle leaved cushion of rich deep green. Tap-rooted, for scree with limestone. 50c; 3, \$1.20.
- Artemisia frigida** Low feathery, silvery and fragrant cushion sage. Arching racemes of tiny yellowish bells, August. 40c; 3, 90c.,
- Asclepias pumila** A diminutive milkweed. 8" stems closely set with little linear leaves; creamy white umbels, midsummer on. 40c; 3, 90c.
- Aster batesi** Slender arching stems with tiny stiff leaves, to 24" or more. Wreaths of tiny closely set florets, blue-lavender and gold, Sept. Head back, July, for low charming effect. 50c.
- Aster fendleri** Delightful, rare, 8 to 12" rock plant. Airy inch-wide cupped blossoms of pearly blue, September. 50c; 3, \$1.20.
- Aster kumleini** Showy purple selection of one of the finest native asters. Sheets of beauty at 12" or so, September. 40c; 3, 90c.
- A. kumleini** Dream of Beauty, rich pink, 15". 40c.
- Aster meritus** Has the special merit of flowering in July. Closely massed corymbs, 8 to 12", in pinkish violet. High rating. 50c; 3, \$1.10.
- Aster ptarmicoides (Unamia alba)** Cream centered white, beginning long season of beauty in July. Best in poor soil, sun or shade. 40c; 3, 90c.
- Aster Black Hills** Magnificent, late fall blooming, to 40". (Species undetermined). Florets to 2" wide, an unsurpassed soft blue. 60c; 3, \$1.50.
- Astragalus gilviflorus (Orophaca caespitosa)** Wide "bun" of silver with a snow of high bannered pea blossoms, April, May. 40c; 3, 90c.
- Astragalus goniatus** Fresh lavender bonnets accented with purple, among green lace leafage, June to Aug. 4 to 8". May need confining. 40c.
- Astragalus missouriensis** Striking display of magenta pea clusters, June, on a 12 to 20" circle of grayish prostrate branches. 40c; 3, 90c.
- Astragalus spatulatus (Homalobus caespitosus)** Precious gem in light-reflecting blue-purple. 4" bun of early June. 40c; 3, 90c.
- Astragalus tridactylus** Red Orophaca. Silvered bun, blossoming into lovely lavender rose. These taprooted kinds take lean limy scree. 50c; 3, \$1.20.
- Callirhoe involucrata** Wine cups. Trailing stems to 25", deep glossy cups of intense and pleasing wine red. Long summer season. 40c; 3, 90c.
- Campanula petiolata** Western Harebell, 8 to 18". Blue-purple or lavender flaring bells in great profusion, June and later, 40c; 3, 90c.
- Cerastium strictum** Earth hugging soft mat of deep green, multitudinous white flowers to 8", May to July. Like a larger C. arvense. Clump 40c.
- Chrysopsis villosa** Golden Aster. Massed beauty in richest tone, Aug., Sept. 12". For best effect sheer back to 4" in June. Finest type. 40c; 3, 90c.
- Clematis scotti** Leather Flower. Intriguing nodding urns of blue or purple, May, June, 8 to 10". Glaucous. Glossy seed plumes. 50c; 3, \$1.20.

Clematis tenuiloba Surprisingly large flaring purple-blue blossoms of distinguished form and beauty, June. 10". Spreads slowly. 60c; 3, \$1.50.

Dalea (Parosela) aurea Novel and exotic appearing plant, silvery green and airy light yellow in prairie clover effect. 10 to 16", June. Scree. 50c.

Dalea enneandra White and silver in slender swaying racemes atop slender nearly leafless stems, June, August, 25 to 35". Can be planted among choice low scree things. 40c; 3, 90c.

Dodecatheon pulchellum (pauciflorum) Up to 15 darting rose and gold stars to the umbel. Adaptable and easy gem. 4 to 10". 40c; 3, 90c.

Drymocallis fissa Cinquefoil cousin with plentiful saucers in butter yellow, June. 10 or 12". Rather good neat, dark, pinnate leafage. 40c.

Echinacea angustifolia Wide rosy rays about a glossy mahogany cone. Bold, striking, beautiful. 10 to 15", mainly July. 40c; 3, 90c.

Erigeron flagellaris Whiplash Daisy.. Charming little blossoms in Milky Way formation. 8". Rooting runners. June and later. Clump 40c.

E. Prairie Gem Habit of flagellaris but daintier. less invasive, greener and with lobed leaves. 50c.

E. glabellus inch-wide daisies, light to deep lavender, July, August, 8 to 18". Glossy evergreen leaves. To see is to admire. 40c; 3, 90c.

E. scribneri ("nematophyllus") Jewels of white and gold, inch-wide, crowded, upstanding, 4 to 5" above a dark green cushion of narrow leaves, May, June. Taprooted denizen of sunny screes. 50c; 3, \$1.20.

Eriogonum depauperatum Globular heads, white tinted rusty pink, dark grayish leafage. Modest 4" subshrub. Pleasing, new. 40c; 3, \$1.10.

Eriogonum flavum Beautiful all-season mats of green felted leaves, large fluffy umbels of soft yellow, June. 4 to 12". Scree. 40c; 3, 90c.

Evolvulus nuttallianus Quaint tiny lavender morning-glories along the stems of a furry 8" bushlet. Best in sand, not a pest. 40c; 3, 90c.

Gutierrezia sarothrae Golden Dome. Fine stems and countless minute, vivid green leaves, sheeted with sparkling gold. September. 40c; 3, \$1.00.

Hedeoma camporum Perennial Pennyroyal. Trim 8", rounded herb, flushed with pink-lavender mint blossoms, June on. Fine fragrance. 40c.

Iris missouriensis Graceful flags of silvery blue, to 18", June. Slender leaves. 50c; 3, \$1.00.

Lathyrus incanus Sand Pea. Purple-rose banners, pink to white wings, clusters of 2 to 7 large blossoms, early May. Downy plant, 4 to 10". **L. ornatus**, downless, often brighter in banner. These are spreaders worth controlling. Either, 50c.

Lesquerella spatulata Bladder-Pod. Bears its sun reflecting golden crucifer blossoms joyfully, May, June. 4", to 10 in spread. Gray-green. Jewel for clayey limestone scree. 50c; 3, \$1.00.

Lewisia rediviva Bitter-Root. Glorious flowers of rich carmine-pink, 2 to nearly 3" wide, upon the ground. Succulent foliage disappears at blossom time. Lean loam or silt, summer dryness. 50c.

Leucocrinum montanum Sand Lily. Sparkling waxy white fragrant little lilies, bountiful among the grassy leaves, April, May. 40c; 3, 90c.

Liatris ligulistylis Blazing Star. Lovely, showy clear purple inch-wide heads, 20 to 30, July. Maroon bud bracts. 18" or higher. 40c; 3, \$1.00.

Liatris punctata Dwarf Gayfeather. Dense fluffy spikes of fine luminous purple. 8 to 14", Aug. 40c.

Lithophragma parviflora Woodland Star. Radiant stars of purest white in capitate raceme, 4", May, to 12", June. Tiny tubers, 3, 50c; doz., \$1.20.

Lithospermum incisum Fringed Puccoon. Softly glowing yellow ruffled trumpets, May. 12". 40c.

Malvastrum coccineum Flame Mallow. Arresting salmon-scarlet in short spires, to 10", long season. Handsome deeply cut foliage. 40c; 3, 90c.

Mertensia lanceolata Prairie Bluebell. Thrilling as the first bluebird come April clusters at 3". Prolific to late June, to 10". 40c; 3, \$1.00

Nothocalais cuspidata Rich textured 2" wide golden discs, April, May, from a few wavy white-margined leaves. 4 to 6". 40c; 3, 90c.

Oenothera brachycarpa Magnificent soft yellow evening primrose, 4" wide, cluster of silky green leaves at the ground. Open evening to morning. Spreads slowly from root. 50c each.

Oe. caespitosa Gumbo Lily. Great fragrant snowy evening primroses upon a patch of glossy lanceolate leaves, open most of day. May, August. Recommended scree. 40c; 3, 90c.

Oe. lavandulaefolia Rich crinkled yellow blossoms, freely, June to frost. 2" wide, open most of day. 4 to 5". Highly rated. 50c; 3, \$1.20.

Oe. serrulata Unrivalled display of inch-wide saucers of brightest yellow, May, August open most of day. Compact subshrub, to 10". 40c; 3, 90c.

Oxytropis lamberti Purple Loco. Spectacular plumes of pea florets, red-purple to blue, light to dark, to 12", June. Silvery foliage. 40c; 3, 90c.

Penstemon Society recommendation for moist climate; 2 parts gravel or stone chips, 1 of sand, 1 of soil. The following are all lime tolerant.

P. albidus Erect large white, 10 to 15". June. Broad, lanceolate, green foliage. 35c; 3, 90c.

P. alpinus Fine blue, much like glaber but only 12" tall. Dark glossy foliage. 40c; 3, \$1.00.

P. angustifolius Exquisite large blossoms, melting deep azure with a harmonizing thread of soft pink at the throat. June. Glaucous. 40c; 3, \$1.05.

P. caespitosus Tiny broad leaves in a 2" spreading mat, liberally sprinkled with lavender-blue, June. Permanent. Dry half shade. Clump 50c.

P. crandalli Evergreen creeper in broad mats, upturned bells of blue in June. Light shade. 60c.

P. procumbens Referred to crandalli, it has lower mats of broader, glossier, greener leaves and bluer flowers. Endures heat better. 60c.

P. eriantherus Large, lovely warm lavender with prominent tongue of gold. June, 8 to 12". Needs some clay and lime, no richness. 35c; 3, 90c.

P. glaber Fine dark blue, to 18" or more, June. July, repeating if cut back. Adaptable. 35c; 3, 90c.

P. gracilis A light and graceful smaller flowered kind in amethyst. 12", June, July. 35c; 3, 90c.

P. grandiflorus The stately Shell-leaf. Cool deep lavender with gray-green. 30", June. 40c; 3, \$1.00. The marvelous pure white form, 60c. Limited stock.

P. haydeni Blow-out Penstemon. Large, milky blue, fragrant. Plant of distinct character in grey-green. 12 to 20", July. Very rare. 60c; 3, \$1.50.

P. virens ("humilis") Very free flowering and

easy. Small dark glossy leaves, massed blue-purple spires to 12", late June. 40c; 3, 90c.

Petalostemon oligophyllus Short-cone White Prairie Clover. Broad circlets of white in gay mood, June. 10". Airy foliage and habit. 40c; 3, 90c.

Petalostemon purpureus Circlets of orange anthered purple-red on deep green slender thimbles. June, July. 15". Easy, scree or sand. 40c; 3, 90c.

Petalostemon villosus Velvety Prairie Clover. Pictured and described on cover. 40c; 3, 90c.

Phloxes of the Great Plains delight in scree with a bit of richness. Give half shade and keep cool until established.

P. alyssifolia Lavender-pink inch-wide fragrant blossoms. May, June. Leaves lanceolate, white edged. 3 to 4". Slow mat former. 50c; 3, 90c.

P. andicola Large full lobed, needle leaved phlox of the high prairies, forming colonies or mats. 4". Select white, 40c; 3, 90c. Select blue-lavender 45c; 3, \$1.00. Select powder blue, 50c; 3, \$1.20.

P. hoodi Mossy green, snowed over with lovely little blossoms, April, May. Very slow spreading, finally making wide mats. 40c; 3, 90c.

P. longifolia Handsome upright species, to 6", cluster flowered, May. Glowing white, fine form. Leaves dark green, linear. 50c; 3, \$1.20.

Potentilla divisa Astonishing beauty in sunlit yellow from a tuft of silvered deep-cut leaves, early May. 3", with 10" spread. 50c; 3, \$1.20.

Senecio purshianus Rock plant of all season gray 2" foliage, displaying in June airy gold blossoms at 8 or 9". 40c; 3, 90c.

Sideranthus spinulosus Massed inch-wide asters in brilliant gold, Sept., Oct. Dense frosty, fine textured foliage. Hot dry position. 40c; 3, 90c.

Solidago glaberrima Smooth Goldenrod. Dwarf selection, to 12". Charming broad nodding tipped panicles, August. Moderate traveler. 40c.

S. mollis Especially rich billowy heads, 4 to 12", September. Gray-green. Slow traveler. 40c.

S. pallida Lovely, fragrant, illumined light golden plumes, September. 16 to 18". Broad glossy basal leaves, non-spreading clump habit. 50c.

S. pulcherrima September beauty in groups of plump tapering rods. 16". Non-spreading. 50c.

Talinum parviflorum Little Sunbright. Airy rosy, afternoon blossoms, to 5", from a 2" tuft of succulent leaves. Tiny thick roots. 3, 50c; doz. \$1.50.

Thalictrum venulosum Dwarf Meadow Rue. Neat faintly bluish foliage masses, to 8". Bronzy bloom, 15 to 20". 40c; 3, 90c.

Thermopsis rhombifolia Dwarf Golden Pea. 8 to 12". Broad packed racemes of glowing medium yellow, May. Unusual, beautiful colonizer. 40c.

Townsendia exscapa Easter Daisy. Tuffet of narrow evergreen leaves, incredibly wide glowing pink daisies, all under 2". Dry lean scree. 40c.

Townsendia sericea Even more dwarf, one of the very first of the Plains' responses to spring. Gem in white and ashy green, early April. 40c; 3, 90c.

Tradescantia bracteata Rainbow Spiderwort. June bloom begins at 4", continues to 10". Bright rose, purple, each 40c; appleblossom pink, white, 50c; dozen, mixed, \$2.00.

Verbena bipinnatifida Bright blue-lilac, May to October. Low, trailing, hardy. Avoid winter wet

at crown. 40c; 3, 90c. By late June from seed. 25c.

Veronica pectinata rosea Borrowed, to add a pleasant downy, very low creeping mat plant that endures much drought in half shade. 2". Pink posies among upper leaves. 50c.

Viola adunca A smiling, quizzical little old man in deep blue. Part shade. Often blooms in autumn 35c: 3, 90c.

Viola montanensis Bevvies of light violet-blue butterflies over a distinctly downy bun of foliage, May, June. Good soil, part shade. 60c; 3, \$1.50.

Viola nuttalli Violet of brilliant gold of the dry sunny plains. Heavy producer, April, May. 2 to 6". Sun or light shade. 35c; 3, 90c.

Viola pedatifida Large blossoms of light violet borne above deeply incised leaves. Stemless. Any soil, light shade or sun. 35c; 3, 90c.

Viola rugulosa White tinted pink, with violet penciling, 6 to 12". Short stolons. Clump 40c.

Viola vallicola Much like nuttalli, trifle larger, for moister, richer position. 50c; 3, \$1.20.

Woodsia scopulina Delightful little clump fern, to 5". Endures much drought. Midday shade. 50c.

Yucca glauca The hardiest Yucca. Bayonet-like leaves to 18", tall spires of nodding lilies, usually green-tinted cream, July. 50c; 3, \$1.20.

Zinnia grandiflora Single, one-inch or wider. Brilliant gold, 5" high, colonizer for hot spot. Heavy hot weather production. 50c: 3, \$1.35.

BULBS FOR FALL PLANTING (Alliums may be moved in spring)

Allium cernuum Nodding Onion. Umbels of light shell pink, July, 8 to 16". 3, 35c; doz. 90c.

A. flavum minor Clump forming, soft yellow, to 8". A gentle foreign beauty. 3, 50c.

A. geyeri Very pink heads at 4", mountain top, to 20", lush meadow. 3, 50c; doz. \$1.20.

A. recurvatum superbum Like a giant cernuum, richer pink, leaves glaucous, flattish. 3, 50c.

A. textile Broad upright umbels of green ribbed white stars at 8", May. Summer dormant. 3, 25c.

Androstephium caeruleum Blue Bethlehem. Broad umbels of soft blue, 4 to 8", May; tuft of slender green leaves. Corms, 35c; large, 50c.

Calochortus gunnisoni Gunnison Mariposa. Lovely white chalice, clusters of greenish hairs at base. July, 16". Grassy leaves. 3, 50c; doz. \$1.20.

Calochortus nuttallii Sego Lily, Mariposa Tulip. Shining white, marked gold and maroon. June, 12". Glaucous leaves. 3, 50c; doz. \$1.20.

Lilium umbellatum 4" upright cups of orange-red, June, July, 10 to 16". Rich soil, well drained. 4" deep. Blooming size 35; 3, 85c; one-inch, 50c.

Zygadenus gramineus False Camas. Creamy stars in spires in a haze of golden stamens, June. To 16". Basal grassy leaves. 3, 35c; doz. \$1.00.

FOR GARDENS IN HALF SHADE and moderately rich soil, well drained: *Achillaea lanulosa*, *Agastache anethiodora*, *Alliums cernuum*, *flavum*, *geyeri* and *recurvatum*, *Anemone patens*, *Antennarias campestris*, *microphylla*, *oxyphylla* and *rosea*, *Asters meritus* and *ptarmicoides*, *Campanula petiolata*, *Dodecatheon pulchellum*, *Cerastium strictum*, *Clematis tenuiloba*, *Erigeron glabellus*, *Iris missouriensis*, *Liatris ligulistylis*, *Lilium umbellatum*, *Lithophragma parviflora*, *Penstemons*

caespitosus, crandalli, procumbens and gracilis, Phloxes alyssifolia and hoodi, Solidago pallida, Thalictrum venulosum, all Violets except nuttalli, Woodsia scopulina. With adequate moisture, however, much sun is equally agreeable to these shade tolerant kinds.

COLD CLIMATE CACTI

Coryphantha vivipara Ball, to 3" or more, showy carmine flowers on top, June. 30c; 3, 75c.

Echinocereus viridiflorus Barrel, to 3 or 4", glossy greenish yellow blossoms on ribs, June. 35c; 3, 90c.

Neobesseyia missouriensis Ball, to 2" or more. Blossom yellow or pale orange, May. 30c; 3, 75c.

Opuntia fragilis Brittle Cactus. A pygmy prickly pear. Large yellow blossoms, June. 30c; 3, 85c.

O. humifusa Pads 4 to 6". Very large silken yellow red centered blooms, late June. Ripe pears dark red, showy. 35c; 3, 90c.

O. imbricata Tree Cactus. Ribbed cylindrical sections, carmine flowers, July. 50c; 3, \$1.35.

O. polyacantha Many Spined Prickly Pear. 4" or larger pads, 4" blooms of silken texture, May. Special selections: Rich pure lemon, Fine rich orange, either, 40c; 3, \$1.00. Wonderful carmine. Gorgeous new crimson and gold, either, 50c; 3, \$1.35.

Culture: The above will bear 30 degrees or more below zero. They naturally prepare by drying and shriveling in advance of winter. An ample depth of 9 parts gravel and coarse sand to 1 of good loam has been found to produce lavish bloom and provide essential winter dryness.

SHRUBS

Amorpha canescens Lead Plant. Low, gray velvety effect, orange dotted purple fingers of blossom, June, July. 12 to 25". 75c; 3, \$1.65.

Artemisia cana Rather stiffly erect Gray Sage. 2 to 3 ft. Leaves lance-linear, 1½". 60c; 3, \$1.50.

A. filifolia Sand Sage. Beautiful, silvery, fragrant, much branched, 2 to 3 ft. 60c; 3, \$1.50.

A. tridentata Sagebrush. Tiny three-tipped blue-silvered leaves, erect bushy plant. Nice fragrance. Local form, to 30". 75c; 3, \$1.65.

Atriplex canescens Salt Bush. All gray-green, broad densely branched bush, to 24". Conspicuous seed bracts. 60c; 3, \$1.35.

Cercocarpus montanus Mountain Mahogany. Little slightly grayish toothed leaves, novel blossoms, silvery seed tassels. Pleasing alone or grouped. Upright to arching, to 8 ft. 90c; 3, \$2.25.

Chrysothamnus graveolens Rabbit Brush. Broad 3 ft. bush covered with goldenrod-like bloom in September. Striking effect. 75c; 3, \$1.80.

Eurotia lanata Winter-Fat, White Sage. Holds its gray leaves well into winter, adding white seed tufts in fall. 12 to 20". 50c; 3, \$1.35.

Rosa arkansana J. W. Fargo Wild tetraploid of 40 petals, beautifully formed. "Wholly delightful wild rose pink," (Mrs. Henry). Blossoms in clusters, mainly July. 12 to 20". \$1.00 each.

Rosa foliolosa Delightful 1½" blossoms of pure white. Small shining leaflets. 10 to 12". Runs moderately. 80c; 3, \$2.00.

Rose Mrs. Mina Lindell An upright natural tetraploid, to 3 ft. Semi-double, a vivid carmine-crimson. Dark foliage, red stems. \$1.00 each.